IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	Examiner: Cervetti, David Garcia
David A. Carlson	Art Unit: 2136
Application No. 10/092,328	Confirmation No.: 9037
Filed: 03/06/2002	
For: SPECULATIVE EXECUTION FOR DATA CIPHERING OPERATIONS	

Mail Stop Issue Fee
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Dear Sir:

While the language in the Statement of Reasons for Allowance is found in certain of the claims, it is not found in all of the independent claims. It is understood that the independent claims in which the language from the Statement of Reasons for Allowance is not found are allowable for other reasons which the Examiner did not take the time to articulate. Applicant notes that the Examiner's various comments should not be used to read non-existent limitations into the claims.

Specifically, regarding the reasons for allowance for claim 28, the Examiner has recited that the combination of prior art of record does not expressly disclose the following (emphasis added):

> a RC4 unit to receive the data cipher operation, wherein the RC4 unit is to swap data stored in the S-box for data ciphering of a first portion of the plaintext wherein the RC4 unit is to read data stored in the S-box for data ciphering of a second portion of the plaintext, prior to completion of the swapping of data stored in the S-box for data ciphering of the first portion of the plaintext, and wherein the RC4 unit

is to data cipher the second portion of the plaintext upon determining that the data being swapped in the S-box does not equal the data being read from the S-box.

Claim 28 recites in part (emphasis added):

...the RC4 unit to receive the data cipher operation, wherein the RC4 unit is to swap data stored in the S-box for data ciphering of a first portion of the plaintext and wherein the RC4 unit is to read data stored in the S-box for data ciphering of a second portion of the plaintext, prior to completion of the swapping of data stored in the S-box for data ciphering of the first portion of the plaintext, and wherein the RC4 unit is to swap data retrieved from the data structure for the data ciphering of the second portion of the plaintext upon determining that the data being swapped for the data ciphering of the first portion of the plaintext does not equal the data read from the data structure for data ciphering of the second portion of the plaintext.

If the Examiner has any questions regarding the Applicants' comments, the

Examiner is invited to contact the undersigned at (408) 720-8300. If there are any

additional charges, please charge our Deposit Account No. 02–2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: July 10, 2007

Chui-Kiu Teresa Wong
Registration No. 48,042

Customer No. 08791
12400 Wilshire Boulevard
Seventh Floor
Los Angeles, CA 90025-1030
(408) 720-8300